

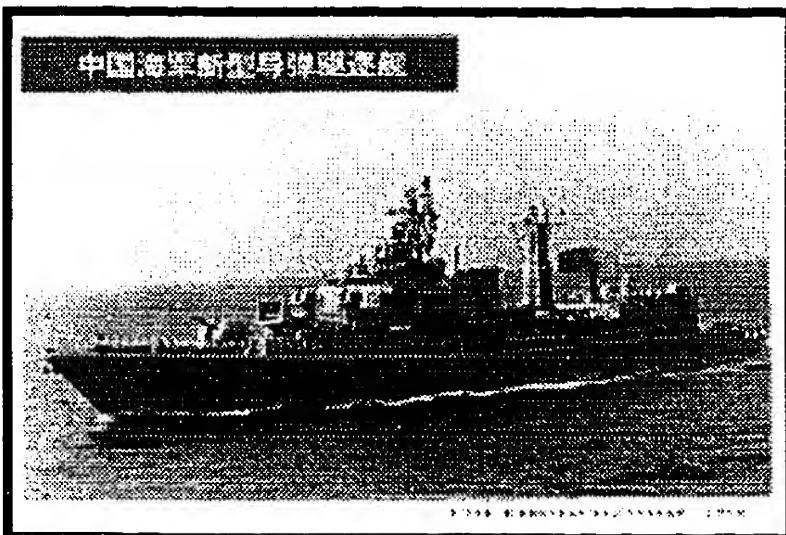
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**1997/03/00**

## Naval Base San Diego



# People's Republic of China Naval Ship Harbin (DDG 112)



### Bio of Capt. Wu Hongle, Commanding Officer of Harbin

Capt. Hongle was born in Liaoning Province in 1953 and enlisted in PLA Navy in Dec. 1970. He has served as boatswain's mate, vice captain of an escort ship, and vice captain of a destroyer. He was assigned captain of Destroyer Harbin in Sept. 1992.

Title : Luhu (Type 052)
Class: (DDG)
Active: 2
Building: 1
Hull No: 112
Hulls: Name: HARIBING (HARBIN)
Builders: Jiangnan Shipyard
Laid down: 1988
Launched: June 1991

<b>Commissioned:</b> July 1994
<b>Displacement in tons:</b> 4,200 full load
<b>Dimensions in feet:</b> (m) : 468.2 x 49.5 x 16.7 (142.7 x 15.1 x 5.1)
<b>Speed:</b> (knots): 31 <b>Range in miles:</b> 5,000 at 15 kts
<b>Main machinery:</b> CODOG: 2 GE LM 2500 gas-turbines; 55,000 hp (41 MW) sustained; 2 MTU 12V 1163 TB83 diesels; 8,840 hp(m) (6.5 MW) sustained; 2 shafts; cp props
<b>Complement:</b> 230 (40 officers)
<b>Armament:</b> <b>Missiles:</b> SSM: 8 YJ-1 (Eagle Strike) (C-801) (CSS-N-4 Sardine); active radar homing to 40 km (22 nm) (or 120 km (66 nm) for C-802 (CSS-N-8 Saccade)) at 0.9 Mach; warhead 165 kg; sea-skimmer. SAM: 1 Thomson-CSF Crotale octuple launcher [ref 2]; line of sight guidance to 13 km (7 nm) at 2.4 Mach; warhead 14 kg. <b>Guns:</b> 2 - 3.9 in (100 mm)/56 (twin) [ref 3]; 85° elevation; 18 rds/min to 22 km (12 nm); weight of shell 15 kg. 8 - 37 mm/63 (4 twin) [ref 4]; 85° elevation; 180 rds/min to 8.5 km (4.6 nm) anti-aircraft; weight of shell 1.42 kg. <b>Torpedoes:</b> 6 - 324 mm Whitehead B515 (2 triple) tubes [ref 5]. Whitehead A 244S; anti-submarine; active/passive homing to 7 km (3.8 nm) at 33 kts; warhead 34 kg. <b>A/S</b> <b>Mortars:</b> 2 FQF 2500 [ref 6] 12-tubed fixed launchers; range 1,200 m; warhead 34 kg. 120 rockets.
<b>Countermeasures:</b> Decoys: 2 SRBOC Mk 36; 6-barrelled chaff launchers. 2 China 26-barrelled chaff launchers. ESM/ECM: BM 8610; intercept and jammer. <b>COMBAT Data systems:</b> Thomson-CSF TAVITAC; action data automation. <b>SATCOM.</b> <b>Radars:</b> Air search: Hai Ying or God Eye [ref 7]; G-band. <b>Air/surface search:</b> Thomson-CSF TSR 3004 Sea Tiger [ref 8]; E/F-band. <b>Surface search:</b> China ESR 1 [ref 9]; I-band. <b>Navigation:</b> Racal Decca 1290; I-band. <b>Fire control:</b> Type 347G [ref 10]; I-band (for SSM and 100 mm) Two EFR 1 Rice Lamp [ref 11]; I-band (for 37 mm). Thomson-CSF Castor II [ref 12]; I/J-band (for Crotale).
<b>Sonars:</b> Hull-mounted; active search and attack; medium frequency. VDS; active attack; medium frequency. <b>Helicopters:</b> 2 Harbin Z-9A (Dauphin) [ref 13].
<b>Program:</b> First of a class ordered in 1985 but delayed by priority being given to export orders for Thailand. Now in series production. The third of class has been delayed because of problems obtaining more LM 2500 gas-turbines. Final numbers may be up to six
<b>Structure:</b> The most notable features are the Crotale SAM launcher, improved radar and fire control systems and a modern 100 mm gun. Gas turbines for the third and subsequent ships may come from the Ukraine.
<b>Operational:</b> First of class started trials in late 1992; second of class in mid-1995. Based in North Fleet.
<b>Opinion:</b> By Chinese standards this is an impressive looking ship and the assiduous wooing of Western manufacturers has achieved a step forward in operational capabilities.
<b>Source:</b> Jane's Fighting Ships 1996-97 <b>Date:</b> May 24, 1996



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Last update: 15 Mar 1997